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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/681,914	06/26/2001	Masato Anzai	JP920000178US1	8306

7590

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EXAMINER

NGUYEN, KIMNHUNG T

ART UNIT PAPER NUMBER

2674

DATE MAILED: 05/07/2004

10

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/681,914

Applicant(s)

ANZAI ET AL.

Examiner

Kimnhung Nguyen

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– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 15 December 2003.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-7 and 9-13 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-7 and 9-13 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 8 ✓  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

This application has been examined. The claims 1-7 and 9-13 are pending. The examination results are as following.

#### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3 and 7, 9 are rejected under 35 U.S.C. 102(e) as being anticipated by Helot et al. (US 6,430,038).

Regarding claims 1, and 7, Helot et al. disclose in figures 2-3 and 8-9, a display device comprising a pedestal having a planar pedestal main body (computer base 22, figure 2) and a planar arm portion (42, see figure 3) that is arranged in a standing manner at a specified angle to said pedestal main body (see col. 3, lines 31-33); and a display portion (28) being installed swingably to said the arm (42) and having an image display portion (see figure 3); and wherein the swinging angle of said display portion can be optimally set an inherent when the center of gravity of said display portion is within a projection surface area of the pedestal, and wherein said pedestal main body (22) and said arm

portion (42) can be positioned in the same plane (24, figure 2) for unifying said pedestal main body with said arm portion to cover said image display portion (28).

Regarding claim 2, Helot et al. disclose wherein the pedestal main body (22) and arm portion (42) are the same plane (when the computer notebook is closed), and includes the approximate same surface area as display portion (28).

Regarding claim 3, Helot et al. disclose in figures 2 and 8 that a display portion (28) having an image display portion for displaying an image based on inputted data, and a planar protective portion (arm 42) rotatably installed to the display portion around a display portion around a peripheral portion thereof as rotation axis and parallelly opposed to said display portion to cover said image display portion, wherein a first section (22) of said planar protective portion opposing said display portion functions as a pedestal for supporting said display portion (28) includes an arm (42) connected between said first section (22) and said display portion (28), wherein a second section (24) and capable of being arranged at an angle with respect to the first section for fixing the display portion in a desired, and wherein a first section and the second section can be unified to constitute one plane when the notebook computer is closed.

Regarding claim 9, Helot et al. disclose, wherein the surface area of said supporting portion when said arm and said pedestal are unified with each other in the same plane is equal to the surface area of said image display portion.

3. Claims 10-11 are rejected under 35 U.S.C. 102(e) as being anticipated by Van Brocklin et al. (US 6,266,241).

Van Brocklin et al. disclose in figure 1C, an angle adjusting device comprising a pedestal (50) that becomes a reference of the angle adjusting and an arm (112) that is provided for said pedestal so as to be rotatable in a specified angle range and has an engaging portion (114), and a stopper (110), which performs a rotation action by following the rotation action of said arm and that includes an engaging surface to engage said arm (112), wherein said engaging surface includes a plurality of areas (116) for engaging said engaging portion to fix the arm at a plurality of angles with respect to the pedestal (see column 3, lines 51-60).

Regarding claim 11, Van Brock et al. disclose wherein an engagement of said arm with said stopper is released while said arm rotates.

4. Claims 13 is rejected under 35 U.S.C. 102(e) as being anticipated by Kim (US patent 6,498,721).

Regarding claim 13, Kim discloses in figure 5 an angle adjusting device in which a second member (12) supports a first member (26) at an optimum angle comprising a pedestal (11) that becomes a reference of the angle adjustment, the first member that is retractably arranged around a first rotation axis (horizontal axis) provided on the pedestal (22), and said second member (12) that is rotatably arranged around a second rotation axis (vertical axis 23) and a portion of the second member (12) is positioned above

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said first member (26) (see column 2, lines 68-67), wherein rotation of said second member around the second rotation axis is caused by rotation of said first member around said first rotation axis (because the first member 26 and the second member 12, figure 6, and first member and first axis 13, figure 6) would perform as function of rotating of second member (cover 12, figure 6) around the second axis 23, figure 6).

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 4-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Helot et al. (US 6,430,038)

Helot et al. do not disclose wherein the thickness of said planar protective portion is thinner than the thickness of the display portion or the protective portion is lighter than the weight of said display portion.

From the claims, it would have been obvious for Helot et al.'s display to have the thickness of said planar protective portion is thinner than the thickness of the display portion or the protective portion is lighter than the weight of said display portion as claimed since such a modification would have involved a mere change in the weight of a system. A change in weight is generally recognized as being within the level of ordinary skill in the art.

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See In re Rose, 105 USPQ 237 (CCPA 1995) and

See In re Reven, 156 USPQ 679 (CCPA 1968).

7. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Helot et al. (US 6,430,038) in view of Lin (US 6,493,216).

Helot et al. do not disclose wherein the first section of said planar protective portion functions as the pedestal by rotating for 270 degrees or more from the state in which said planar protective portion covers said image display portion by parallelly opposing said display portion. Lin discloses a planar protective portion function as pedestal by rotating for 270 degrees or more, and parallel opposing to the display portion (see portable computer which can be rotated within 360 degree, see the title of the invention). It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the teachings of using pedestal by rotating for 270 degrees or more, and parallel opposing to the display portion as taught by Lin into the system of Helot et al. because this would for providing a plurality of view angles of the display portion.

8. Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over Van Brocklin et al. (US patent 6,266,241).

Van Brocklin et al. disclose in figure 1C, an angle adjusting device comprising a pedestal (50) that becomes a reference of the angle adjusting and an arm (112) that is provided for said pedestal so as to be rotatable in a specified angle range and has an engaging portion (114), and a stopper (110), which performs a rotation action by following the rotation

action of said arm and that includes an engaging surface to engage said arm (112), wherein said engaging surface includes a plurality of areas (116) for engaging said engaging portion to fix the arm at a plurality of angles with respect to the pedestal (see column 3, lines 51-60). However, Van Brocklin et al. do not disclose the stopper is made in the shape of a circular, and the thickness of the planar protective portion is thinner than the thickness of the display portion, or the weight of said planar protective portion is lighter than the weight of said display portion. It would have been obvious for Van Brocklin et al.'s display to have the stopper is made in the shape of a circular, and the thickness of the planar protective portion is thinner than the thickness of the display portion, or the weight of said planar protective portion is lighter than the weight of said display portion. as claimed since such a modification would have involved a mere change in the Size/Range/ Weight of a system. A change in Size/Range/Weight is generally recognized as being within the level of ordinary skill in the art.

See In re Rose, 105 USPQ 237 (CCPA 1995) and

See In re Reven, 156 USPQ 679 (CCPA 1968).

### ***Response To Arguments***

9. Applicant's arguments filed on 12/15/03 have been fully considered but they are not persuasive in view of new ground rejection.

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).



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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

***Correspondence***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimnhung Nguyen whose telephone number (703) 308-0425.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **RICHARD A HJERPE** can be reached on (703) 305-4709.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D. C. 20231

**Or faxed to:**

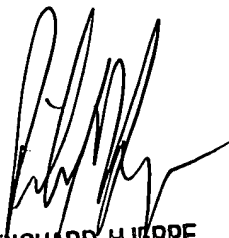
**(703) 872-9314 (for Technology Center 2600 only).**

Hand-delivery response should be brought to: Crystal Park II, 2121 Crystal Drive,  
Arlington, VA Sixth Floor (Receptionist).

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Kimnhung Nguyen  
April 29, 2004



RICHARD HJERPE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600